From: Janke, Robert [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP
(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=25B558A57FBF45E7AAE5ECDE8D4328A0-JANKE, ROBERT]
Sent: 9/24/2019 3:40:39 PM
To: Uber, James - Xylem [james.uber@xyleminc.com]
CC: Hatchett, Sam - Xylem [sam.hatchett@xyleminc.com]
Subject: RE: EPANET Beta Test Reviewer Comments

Hi Jim,

Thanks! Looking forward to hearing soon on the OWA statement and issues.

Thanks again!

Rob

From: Uber, James - Xylem <james.uber@xyleminc.com>
Sent: Tuesday, September 24, 2019 11:19 AM
To: Janke, Robert <Janke.Robert@epa.gov>
Cc: Hatchett, Sam - Xylem <sam.hatchett@xyleminc.com>
Subject: Re: EPANET Beta Test Reviewer Comments

Hi Rob,

I think it will be a mistake to move forward with fixes for these issues within the Epanet repo. My understanding is that
we have already lost the connection between OWA and USEPA, and so the first step should be to rectify that situation.
As we discussed, I think that involves a formal replacement of Michael as being in charge of that repo, because he has
given up on communicating. Unfortunately, my recommendation is that the beta testing fixes should be delayed until
the organization can best support them.

The only other option I see, if it's critical to move forward now (and that's understandable), would be to assign Feng
responsibility to fix as many of these errors as he can confidently do, interacting with Lew/Sam/Elad/Demetrios, and
start that process by converting this table into Github issues on the OWA repo, and then issuing pull requests for each
fix.

This will, of course, inflame Michael, but that's inevitable in any case. Perhaps he can be told by his organization that
he's needed to focus on the SWMM side, and that he shouldn't spend any time otherwise.

As I mentioned, Sam is conferring with the other OWA folks and will be putting together a statement in an effort to
regain alignment.

Thanks,
-Jim

From: Rob Janke <Janke.Robert@epa.gov>
Date: Tuesday, September 24, 2019 at 10:52 AM
To: "Uber, James - Xylem" <james.uber@xyleminc.com>
Subject: FW: EPANET Beta Test Reviewer Comments

Hi Jim,

Following up on our conversations yesterday and yours and Sam's pending list of issues, please see below. Any thoughts on how to respond or move forward?

Thanks!

Rob

Hi Rob,

Thanks, this table is really helpful. Let's add another column that tracks how and when we addressed each issue.

Are we moving forward with scheduling a teleconference?

Thanks again,
Regan

Hi All,

This email is to provide an update on the current status of beta testers' efforts to test the EPANET beta 2.2.0. Below is a table outlining each of the beta testers who volunteered to test EPANET beta v2.2.0 and those that have provided comments (identified by a comment in the "Major Comments/Issues" column associated with each reviewer).

As can be seen from the comments, they span a broad range: (1) does not install or run, (2) problem with a feature, e.g., tank overflow, (3) editorial, or (4) enhancement. Below is a link to the actual comments (i.e., emails and pdf documents) in a one-drive folder.

No.	Name	Email	Major Comments/Issues
1	Hyoungmin Woo	hyoungmin.Woo@cincinnati-oh.gov	Correction Setup screen - License term didn't align properly. Graph Options - The GUI has default values, but one option. Graph label needs to set a default value. Copy-paste option - Copy to Meta file captures larger screen than the actual plot window size. Copy to Bitmap is fine. Windows display scale compatibility - Conflict to windows scale option Recommendations Change to new organization name in the About EPANET dialogue box Addition of a section "What's New in 2.2" in the Help file

No.	Name	Email	Major Comments/Issues
			Set to default High DPI Scaling Option - With the High DPI scaling override option Manual - addition of PDA simulation example (e.g. a simple NET1 example with PDA simulation option)
2	Sudhir K (Global Quality Corporation)	sudhir@gqc.com	Questions about licensing with the official EPA release of v2.2 from the website. Also, noted that "maximum trials are exceeded several times and the system flow balance numbers can't be trusted. It is not a large network (10K pipes) but there are quite few PRV's."
3	Tom Walski	tom.Walski@bentley.com	
4	Kobus van Zyl	Ex. 6 Personal Privacy (PP)	
5	Juneseok Lee	juneseok.Lee@manhattan.edu	EPANET header should be 2.2 rather than 2.0. Regarding near-zero flows, I ran a simple network with a base demand of 0.005 GPM, and it turns out that the actual demand (flow) is rounding up to 0.01 GPM. The same for 0.004 GPM, and it rounds down to 0 GPM. I was wondering whether it is possible to increase the significant figure by one more decimal place.
6	Kate Klise	kaklise@sandia.gov	
7	Sri Kamojjala	sri.kamojjala@lvvwd.com	
8	Jorge Pesantez	jpesant@ncsu.edu	
9	Fatemeh Hatam	fatemeh.hatam@polymtl.ca	Compile the PDA features into epanetmsx.exe. This will allow us to perform multi-species water quality analysis based on pressure-driven hydraulic analysis. In the current version, Wagner's equation is used to perform PDA. Now that the EPANET hydraulic engine includes the pressure dependent demand model, I think it would be beneficial if users could also integrate other types of pressure-demand relationships in the model as well as various minimum/required pressures at the nodes.
10	Gabrielle Ebacher	g.ebacher@laval.ca	Installation issues with ".msi" file. Also, access violation errors occur with using the stand-alone executable. These problems do not occur with v2.00.12
11	Ruoxi Wu	wur@hnu.edu.cn	
12	Martin Lambert (Class)	martin.lambert@adelaide.edu.au	
13	Ehsan Shafiee	Ex. 6 Personal Privacy (PP)	
14	Jarai Sanneh	jsanneh01@manhattan.edu	
15	Miah Cohall	mcohall01@manhattan.edu	
16	Zheng Wu	Zheng.Wu@bentley.com	
17	Juarl Saldarriaga	jsaldarr@uniandes.edu.co	
18	Morris Maslia	Ex. 6 Personal Privacy (PP)	

No.	Name	Email	Major Comments/Issues
19	Ahmed Abokifa	Ahmed.abokifa@utexas.edu	
20	David Watkins	dwatkins@mtu.edu	
21	Paulo Oliveira	oliveipa@mail.uc.edu	
22	Jonathan Keck	jkeck@calwater.com	
23	Arnold Strasser	**Ex. 6 Personal Privacy (PP)**	See attached comments. Generally, no problems but does note some minor differences between v2.00.12 and the beta release of v2.2.0
24	Pedro L. Iglesias Rey	piglesia@upv.es	
25	Jim Cooper (Arcadis)	Jim.Cooper@arcadis.com	See attached comments from Arcadis. Evidence of one model running in 2.00.12 but not in v2.2. Differences were observed between v2.2 and v2.00.12. Tank overflow feature did not run with model selected for testing. Error received, "Error 206: undefined curve -16s in (TANKS) section: …"
26	Nestor Vicencio Ortiz Salazar	nv.ortiz@uniandes.edu.co	

Ex. 6 Personal Privacy (PP)

Thanks!

Rob

Robert Janke
Water Infrastructure Protection Division
U.S. EPA/NHSRC
Mail Stop NG-16/NB21F
26 West Martin Luther King Dr.
Cincinnati, Ohio 45268
Office Phone: 513-569-7160
Fax: 513-487-2559
Cell Phone: 513-477-9307
http://www.epa.gov/nhsrc/index.html
http://openwateranalytics.github.com/epanet-rtx/
janke.robert@epa.gov